

gene	size cDNA and CT	method for CT		oligonucleotide	size	direction	sequence 5' to 3'	gene acc. no.
CAMP1	CT 416	enzyme Hpa II	20	sense	GGTGAAGGTGGGAGTCACCG			J04038
IL-2	CT 149	insert DNA	20	antisense	CAAAGTTCATGGATGACC			
IL-4	CT 178	primer deletion	20	sense	CCTCTGGAGGAAGTGCTAAA			K32055
IL-7	CT 159	4-primer	21	sense	ATGGTTGCTGTCATCAGC			M23442
IL-8	CT 227	double sense	22	antisense	TCTACAGCCACCATGAGAAG			
IL-10	CT 516	enzyme Ssp I	25	sense	CAGCTCGAACACTTGAATAT			
IL-15	CT 271		~21	antisense ~	TTTAGGTTATCTTGGACTTCCC			J04156
IL-17	CT 212		22	sense	GTGTTCTTAGTGCCTCATCAA			
IL-19	CT 513		25	antisense	TCTCTGGAGCCCTCCCT			M23932
IL-20	CT 617		10	sense	AATTCTCAGCCCTCTAAAAACTT			
IL-21	CT 409	enzyme Bst BI	18	antisense	GCCGTTGAGCAGGTGAAG			X75437
IL-22	CT 239		20	sense	AAGCCAGAGACAGATA			
IL-23	CT 471	enzyme EcoO109 I	14	antisense	CCGTGGCTTGGTAATGAG			
IL-24	CT 416		17	sense	CAGATTCCTGTTACATCC			X9211
IL-25	CT 369	enzyme Ava II	17	antisense	GGAGGCCATAGTGAAG			
IL-26	CT 287		17	sense	GGTCGGCTCCATAG			
IL-27	CT 431	enzyme Dde I	18	antisense	CGGCTCACACTCACAGG			M31951
IL-28	CT 358		24	sense	CTGCCGGATGCCATAG			
IL-29	CT 321	4-primer	10	antisense	GGGAAAGTCATAAATGTCACCT			M26879
IL-30	CT 285		10	sense	TACACAAAGGGCCCTCCAGAGT			
IL-31	CT 246	insert DNA	18	antisense	GGCACCCCTCTTAACTT			U11621
IL-32	CT 280		20	sense	CTGGGGATCTGTGTCATT			
IL-33	CT 510	enzyme Alu I	20	antisense	CTCAGAGTGGTATGGTG			X1480591
IL-34	CT 122		22	sense	CCAGAGCATCCAAAAGAGTGTG			
IL-35	CT 529	4-primer	22	antisense	CTAGTTGGCCCTGAGATAAAG			AG2137
IL-36	CT 459		22	sense	GCAATTGCACTGGCCAGCC			M23979
IL-37	CT 283	double sense	20	antisense	TTTACACATCTGGCTCTGTGG			
IL-38	CT 281		19	sense	CGGCACGCCCTGGTGTATC			
IL-39	CT 607		19	antisense	TGTACTCCCCAACCCATT			M21121

FIGURE 1

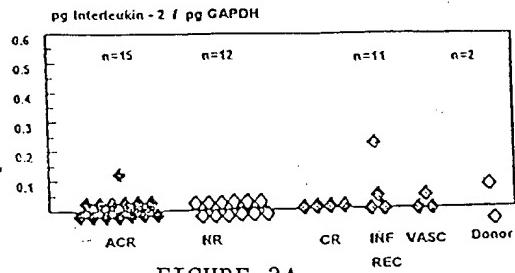


FIGURE 2A

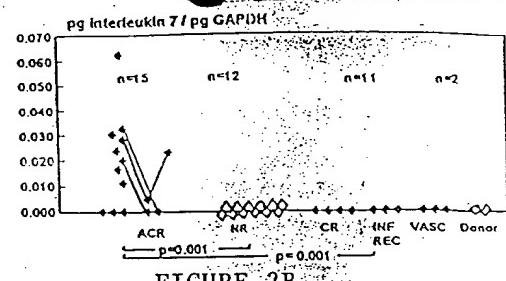


FIGURE 2B

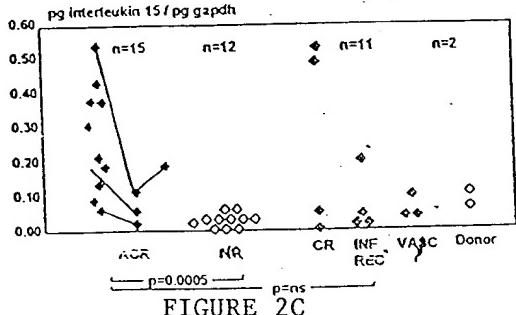


FIGURE 2C

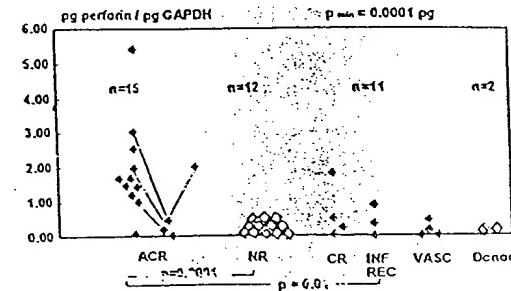


FIGURE 2D

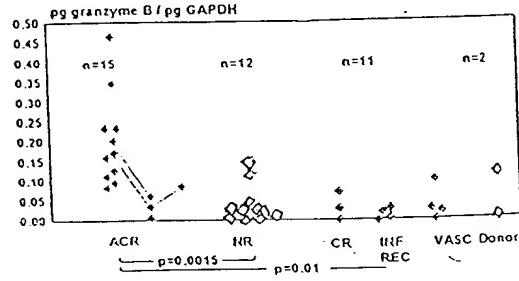


FIGURE 2E

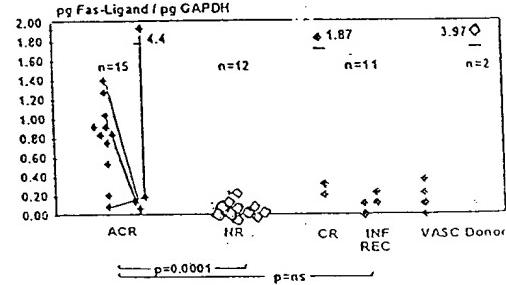
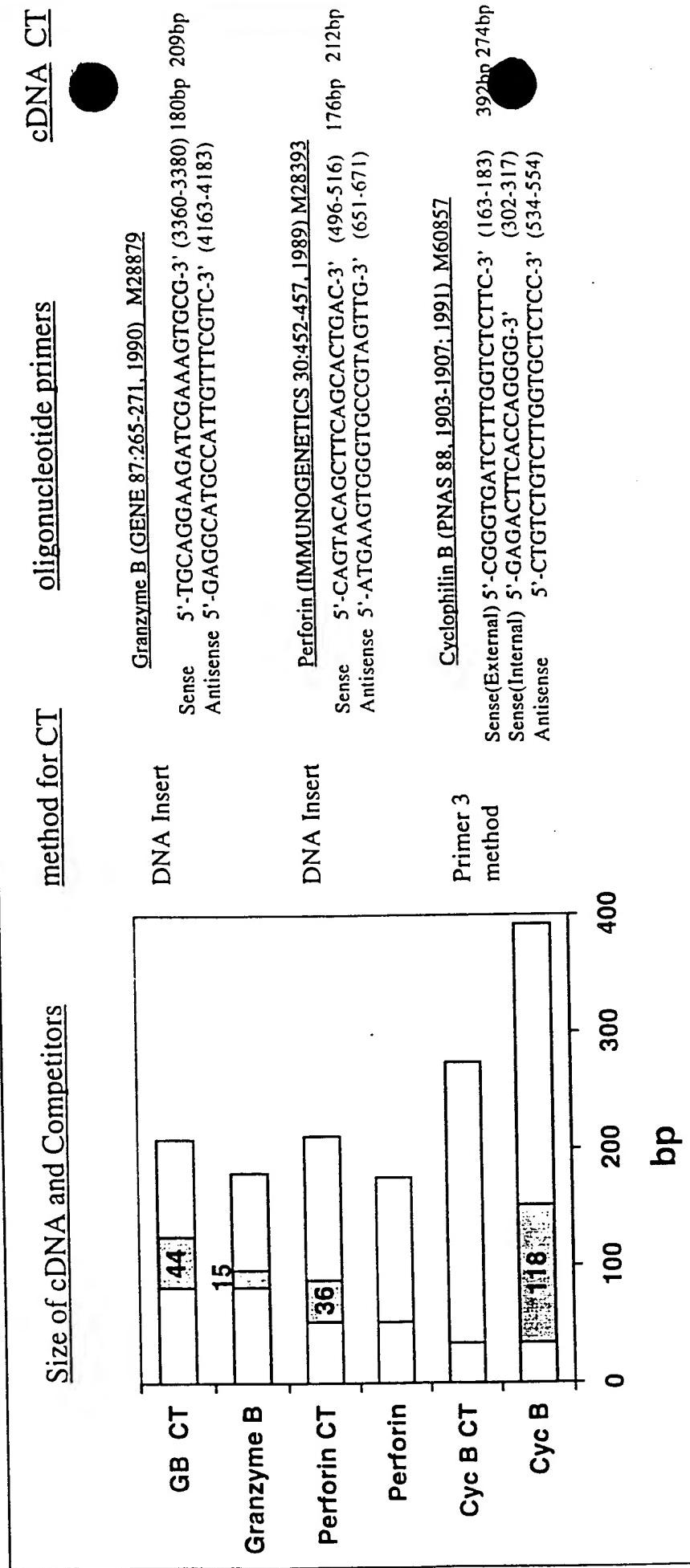


FIGURE 2F

Figure 3



A. Perforin mRNA

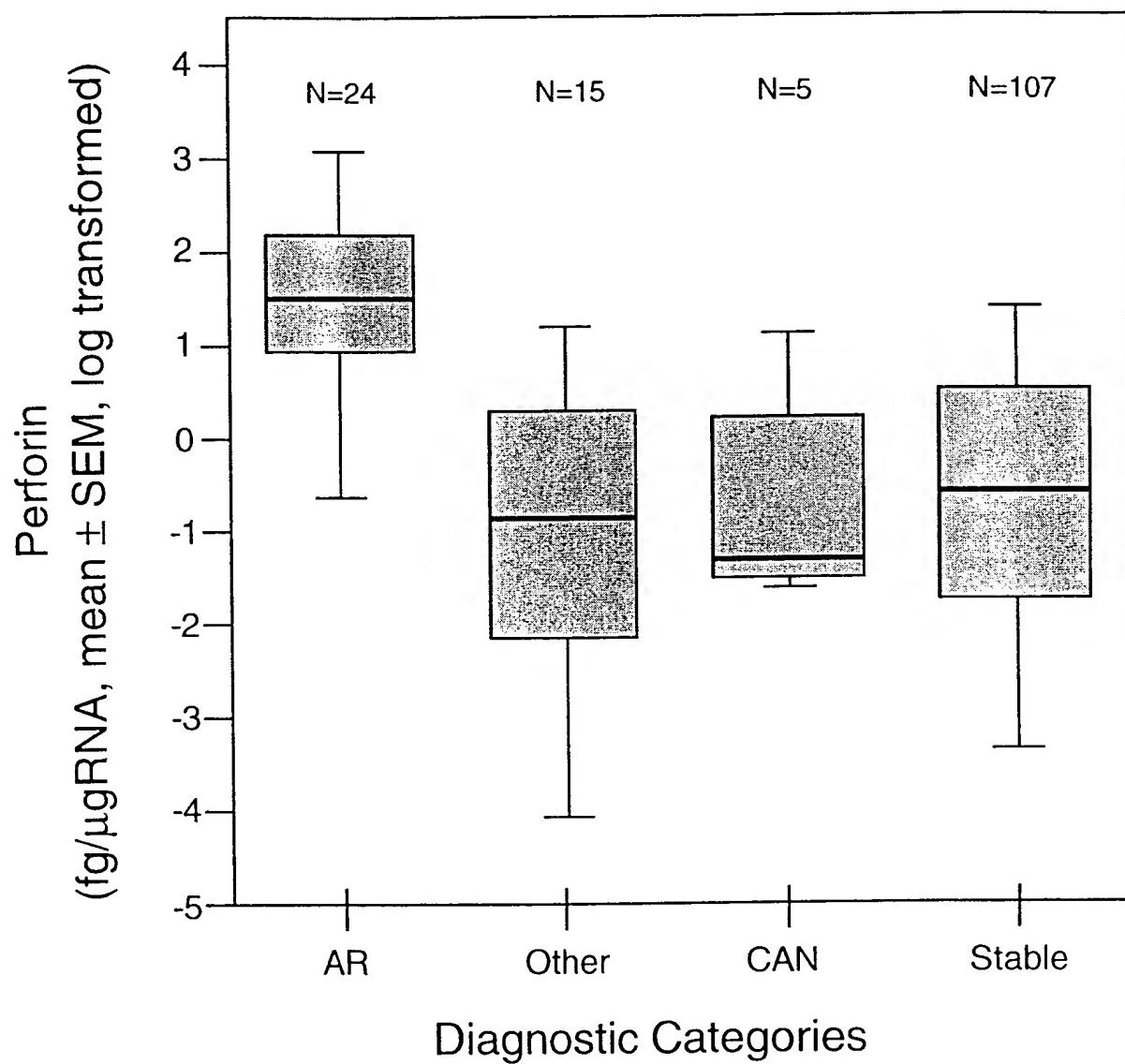


Figure 4A

B. Granzyme B mRNA

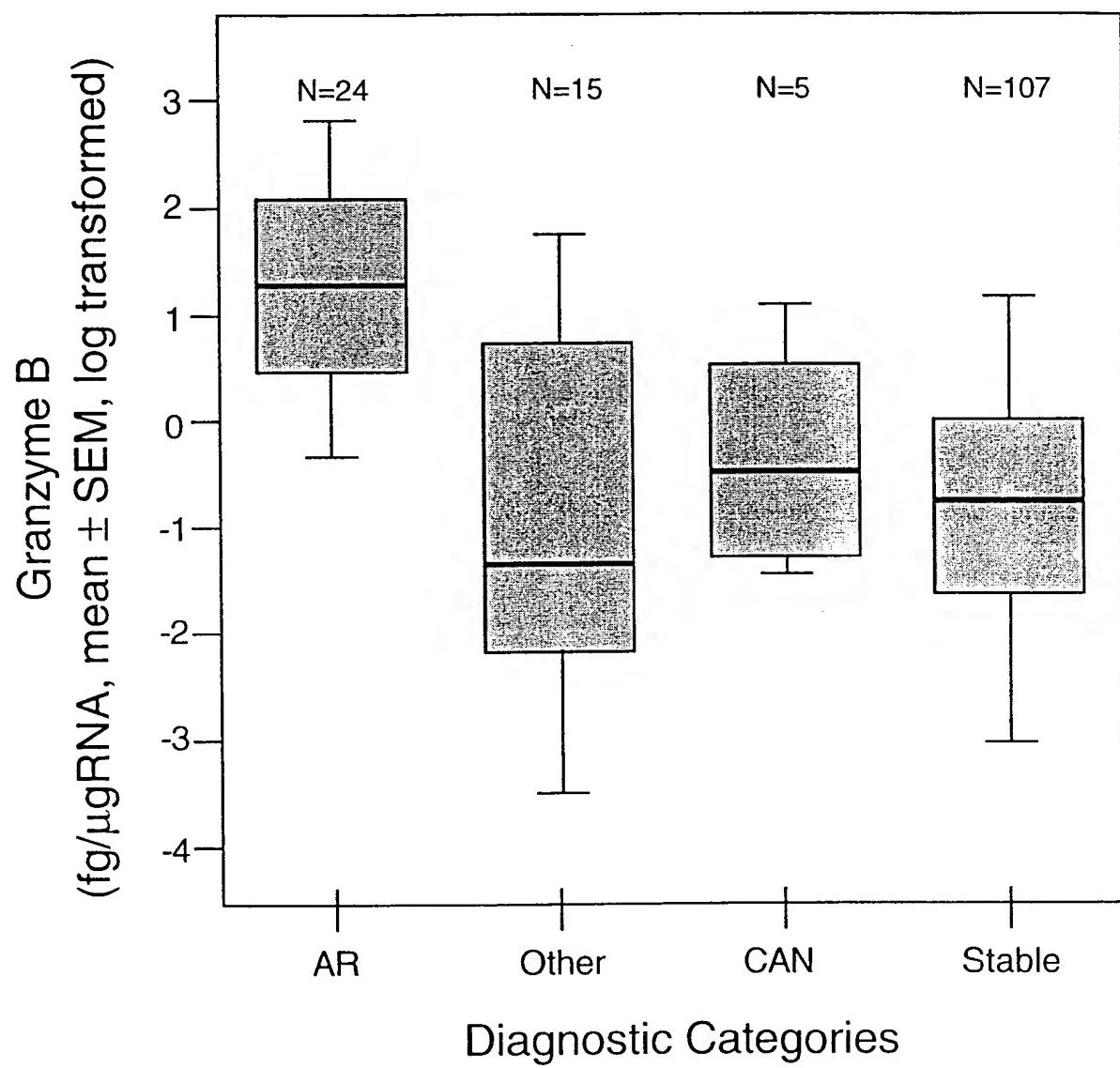


Figure 4B

C. Cyclophilin B mRNA

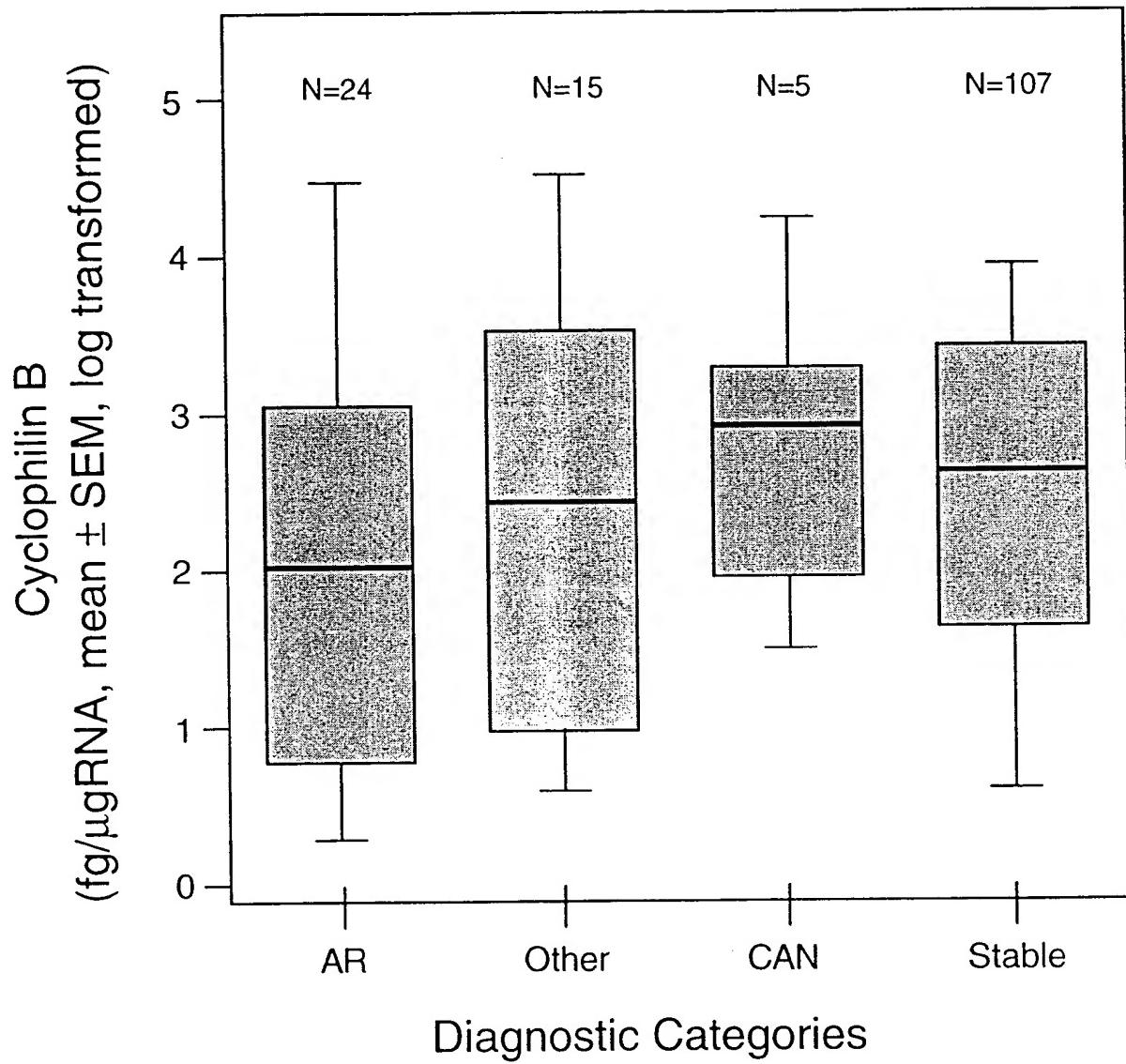
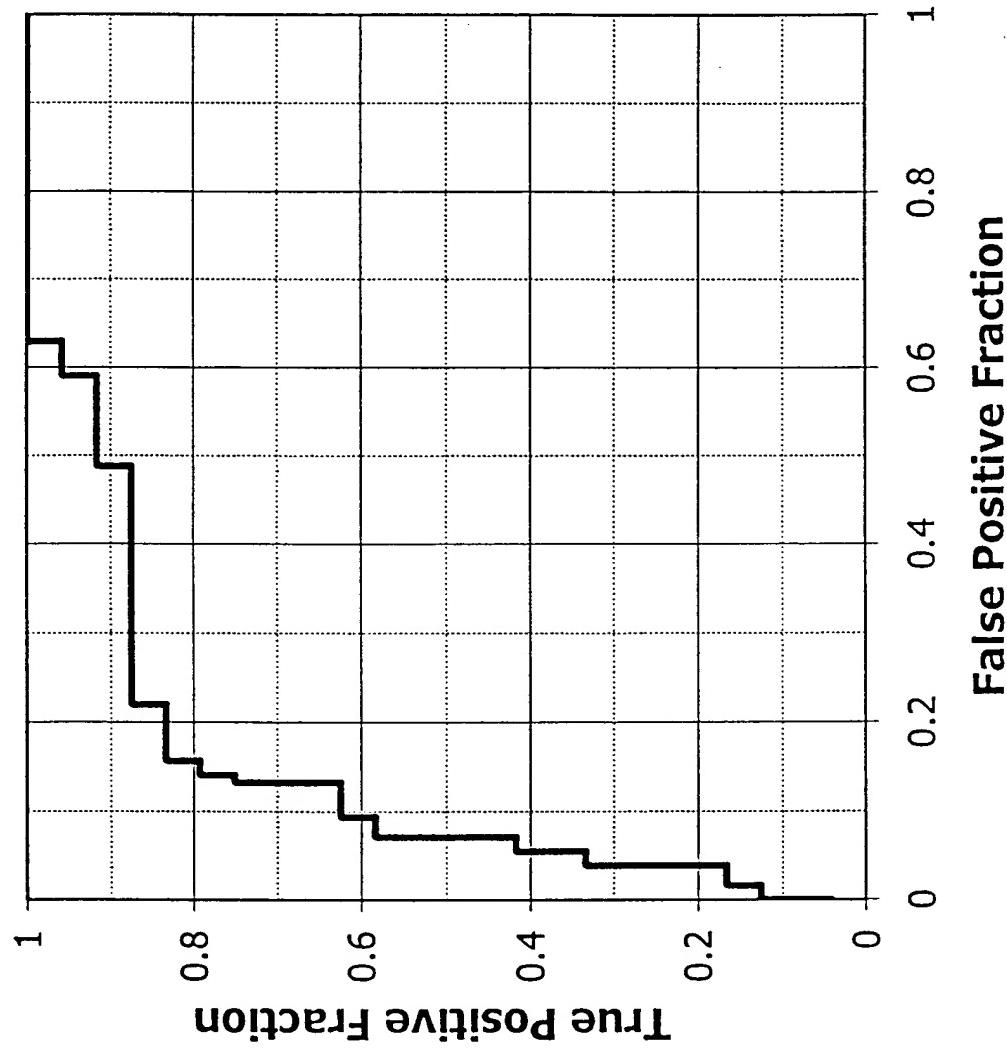


Figure 4C

Figure 5A

A. Perforin mRNA



B. Granzyme B mRNA

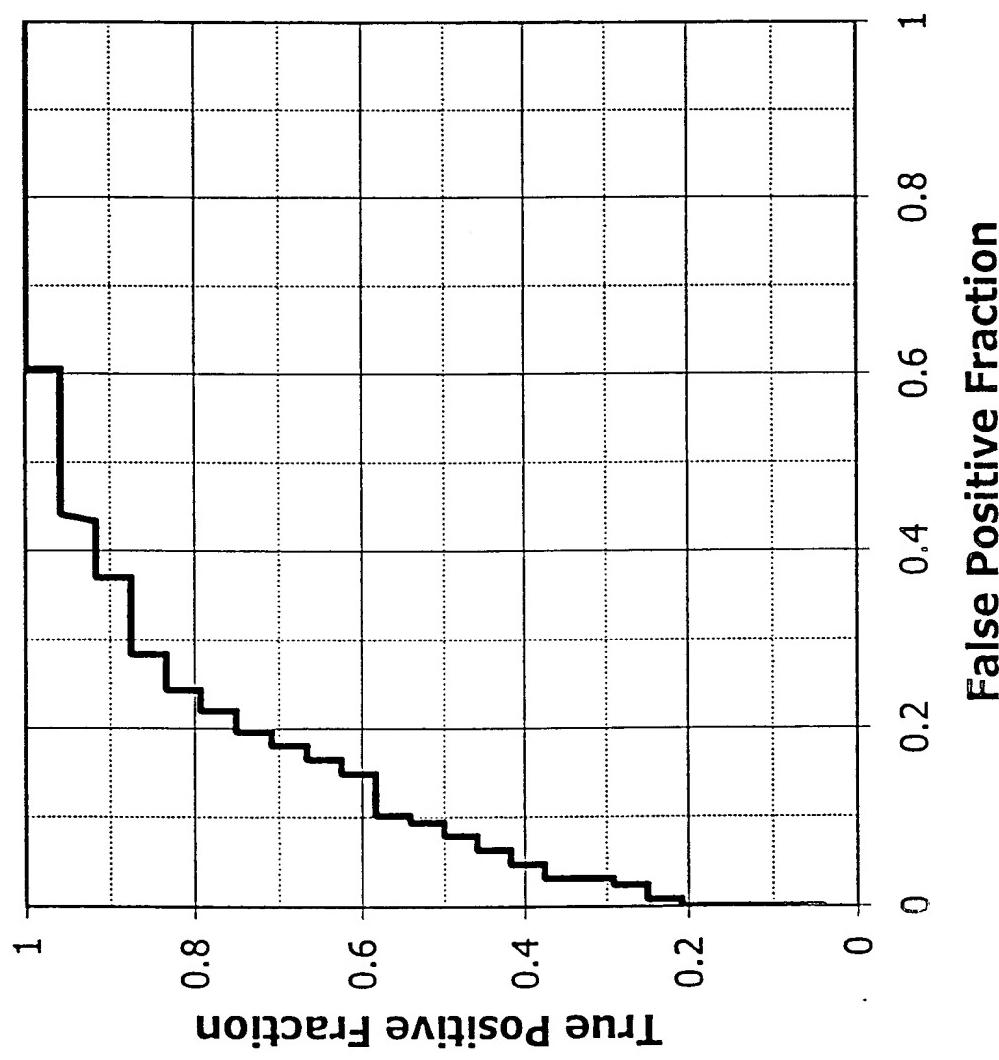
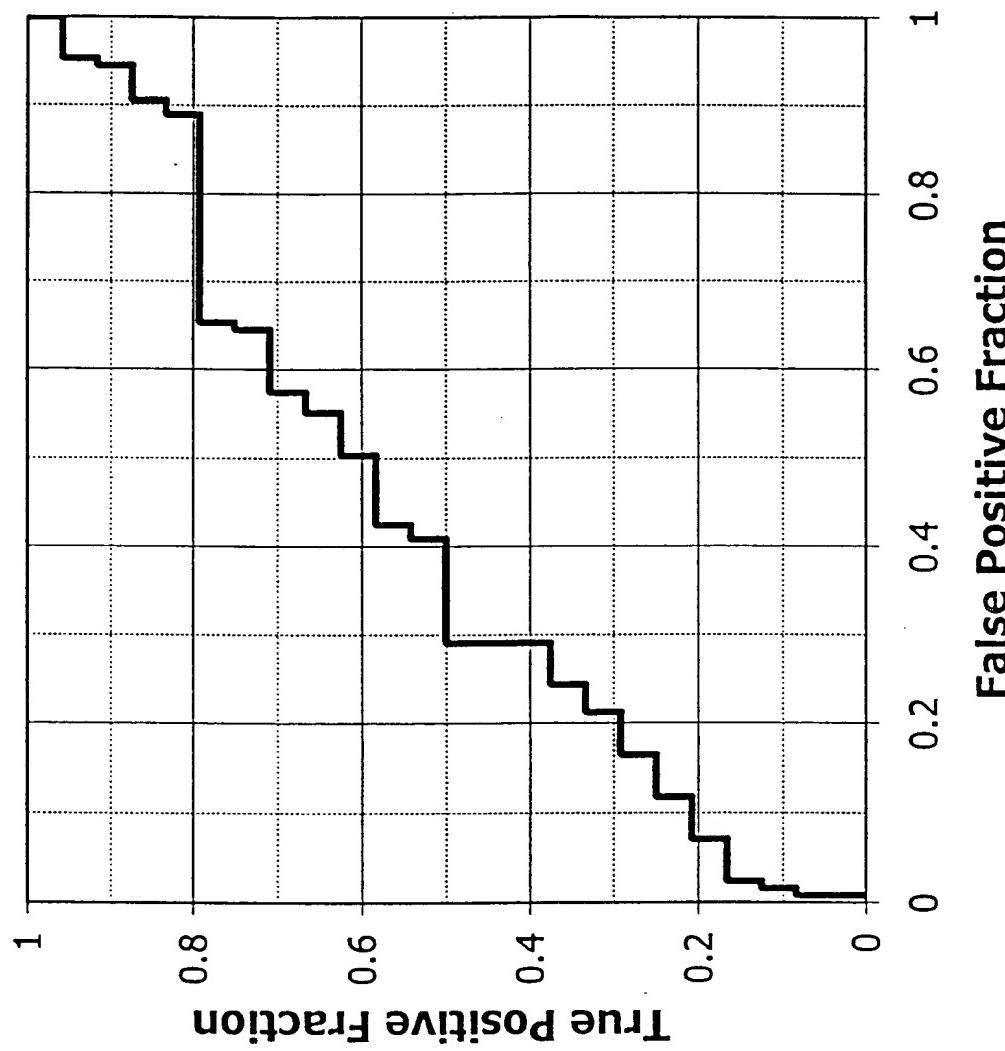


Figure 5B

Figure 5C

C. Cyclophilin B mRNA



A. Perforin mRNA

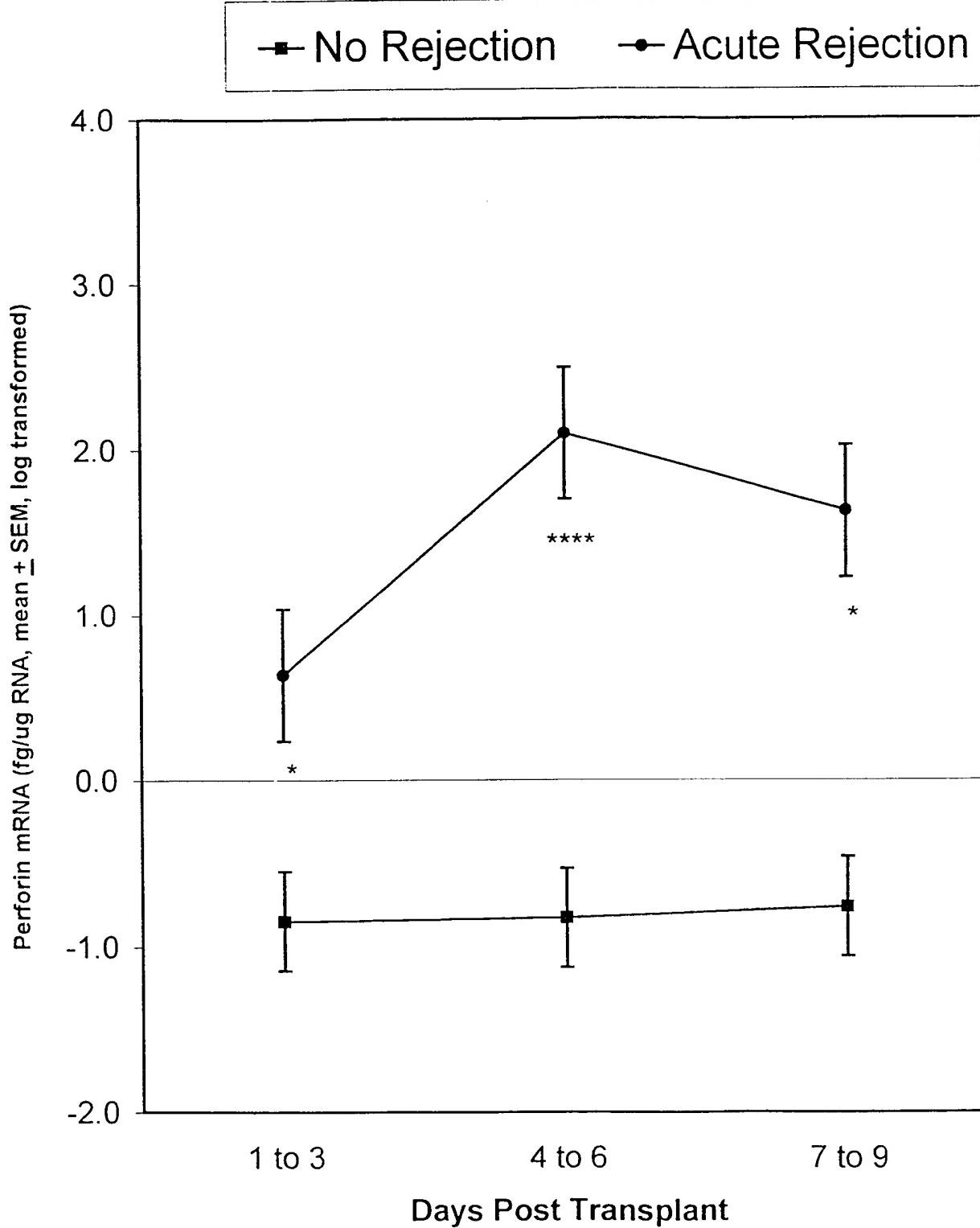


Figure 6A

B. Granzyme B mRNA

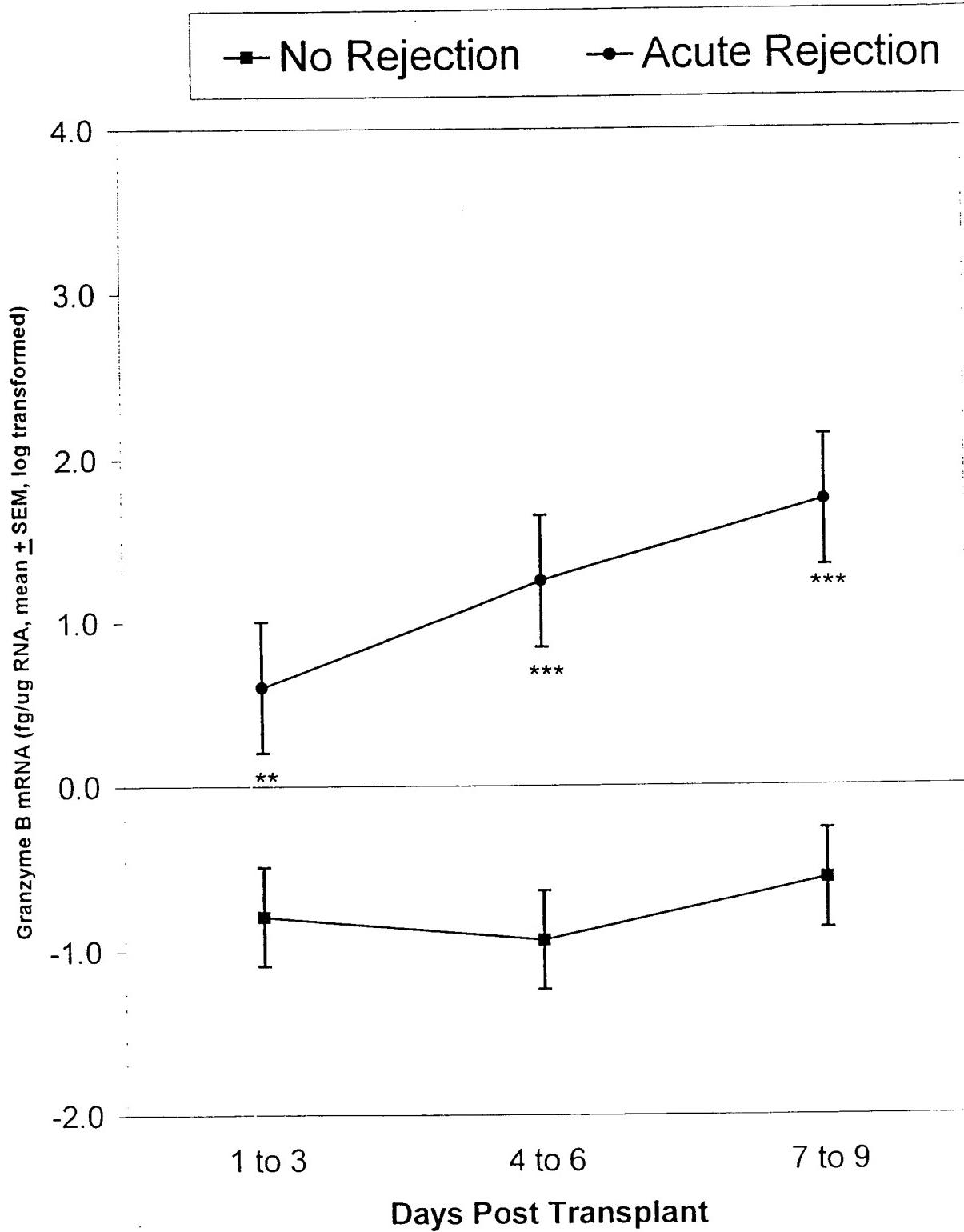


Figure 6B

C. Cyclophilin B mRNA

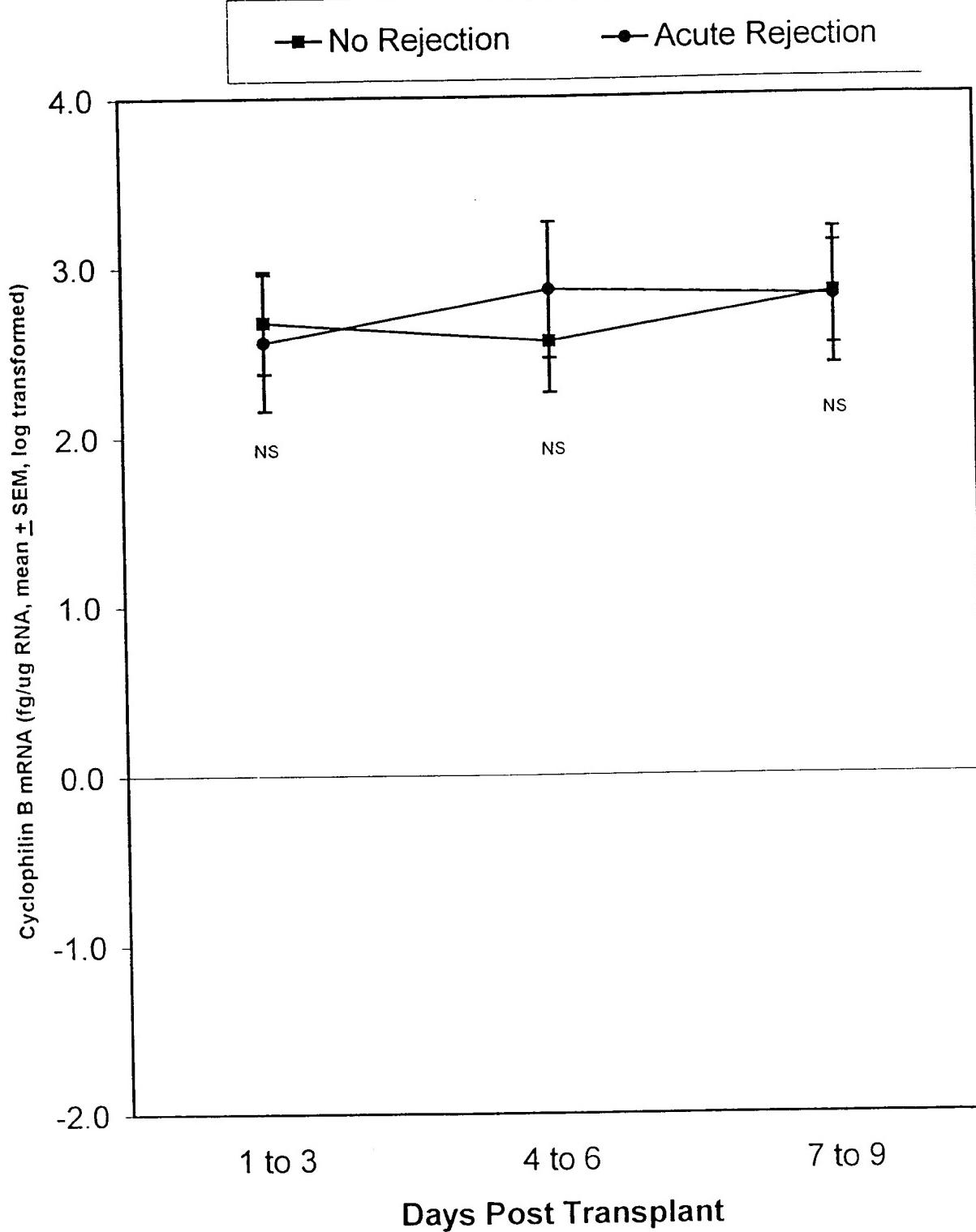
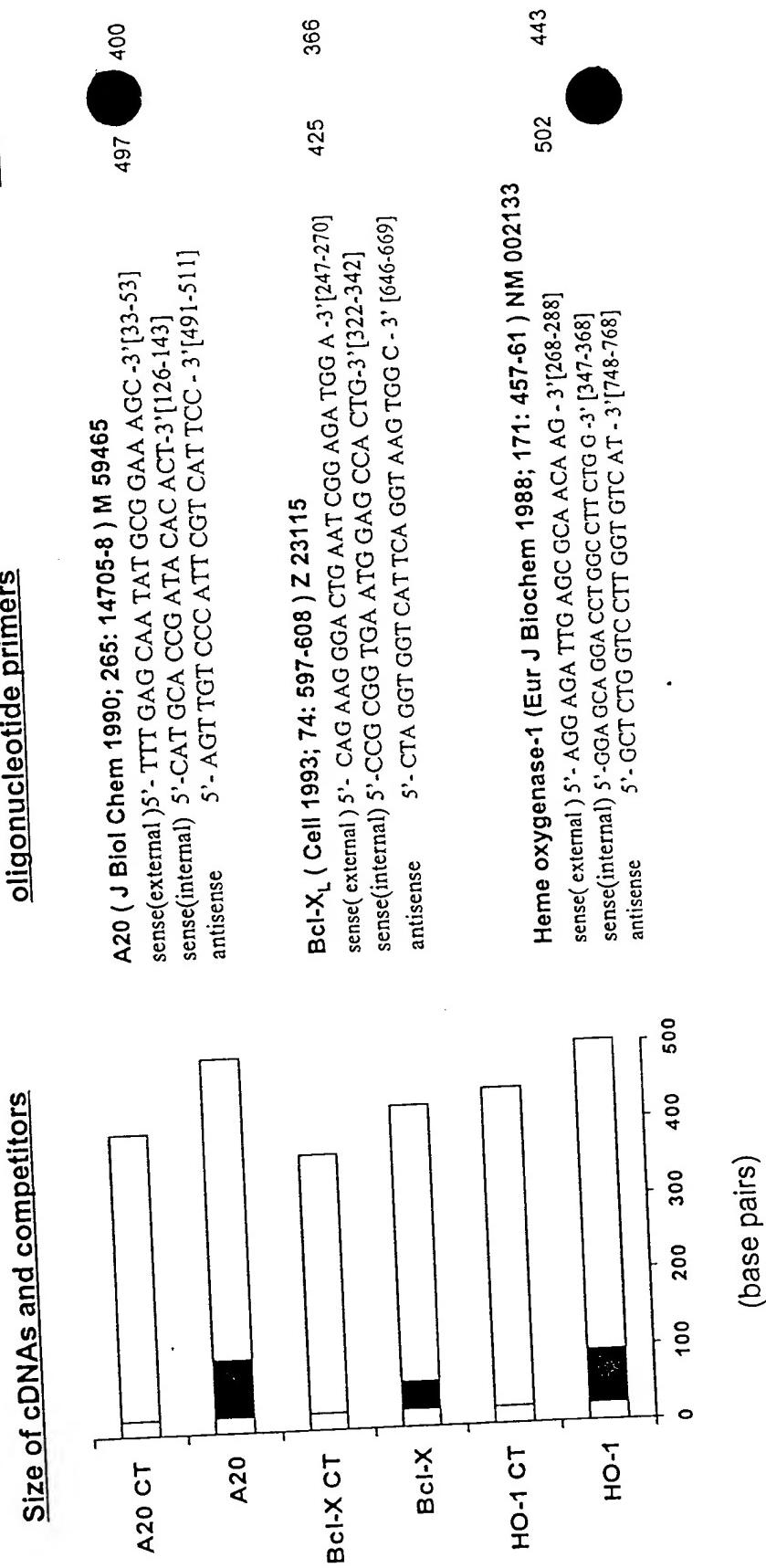


Figure 6C

Figure 7



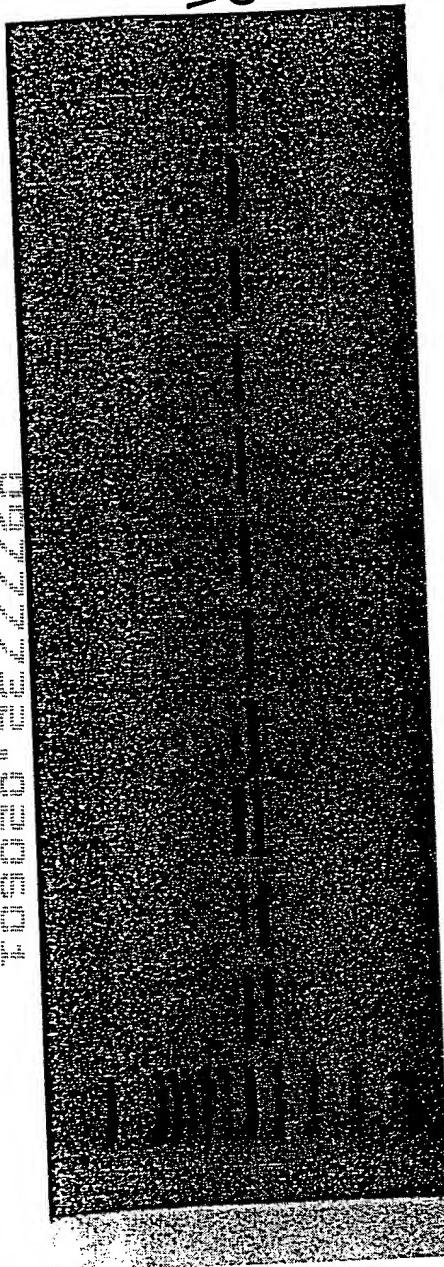


Figure 8A

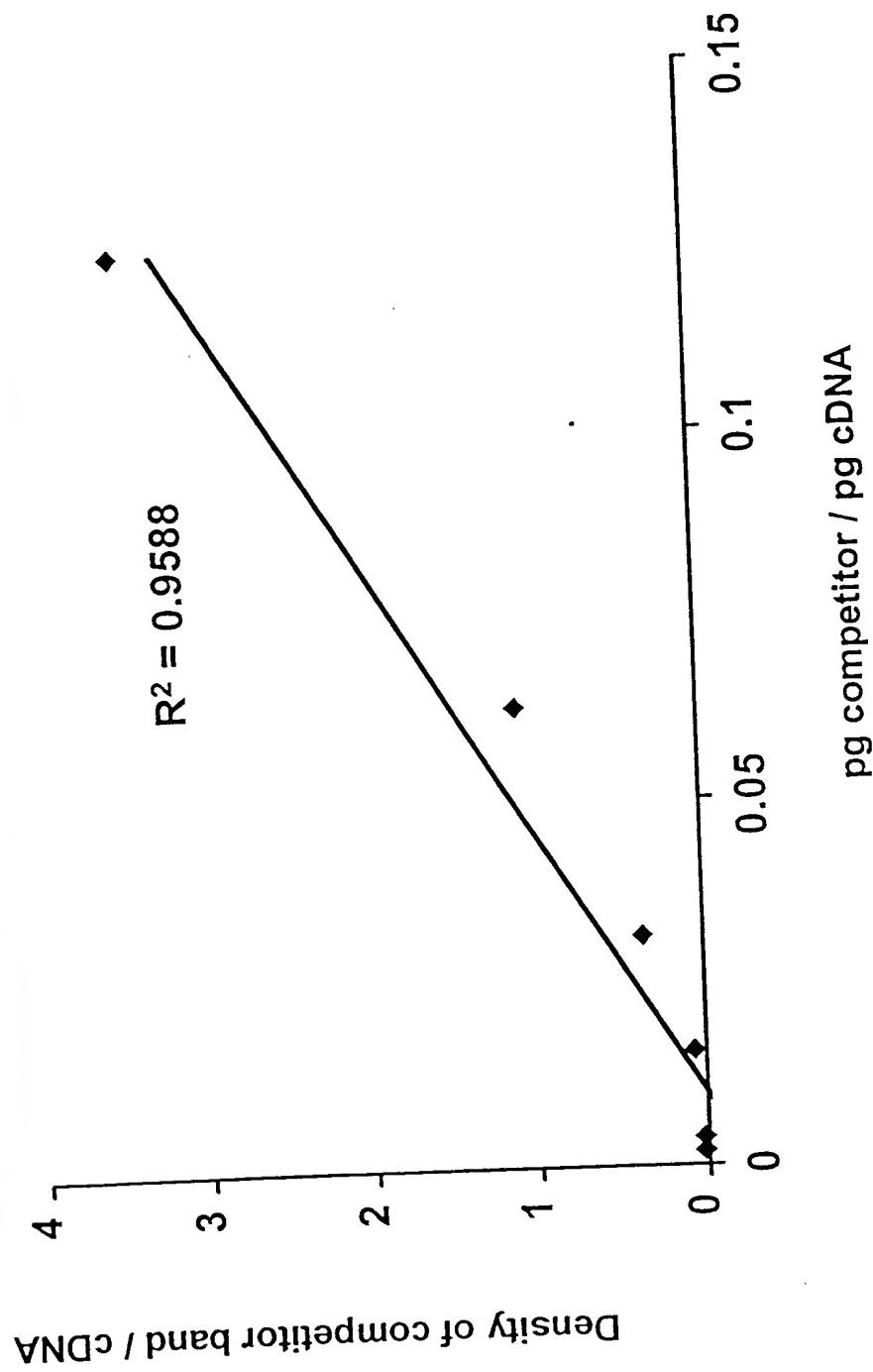


Figure 8B

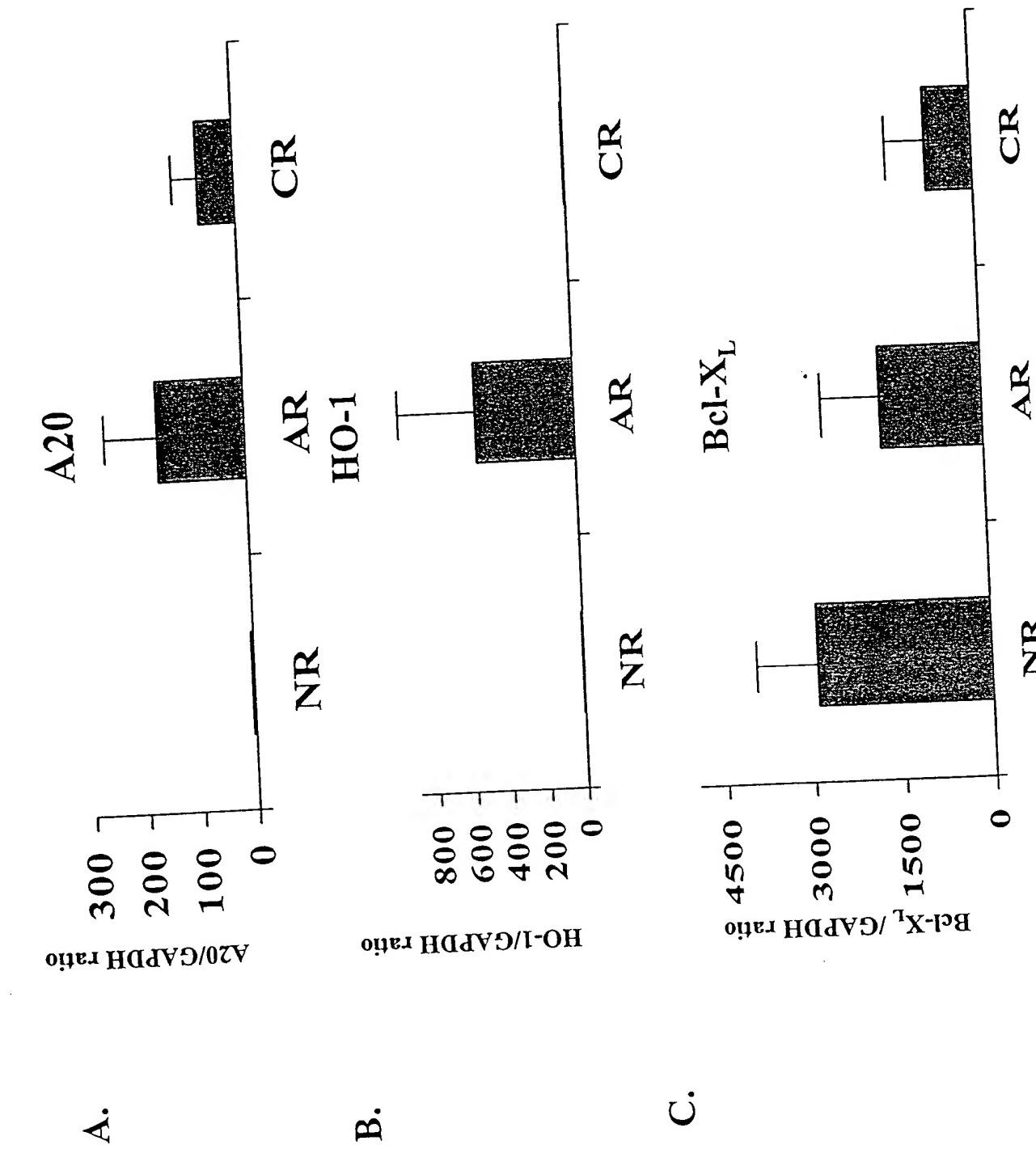


Figure 9

A20 protein is localized in endothelial & infiltrating cells of rejected graft

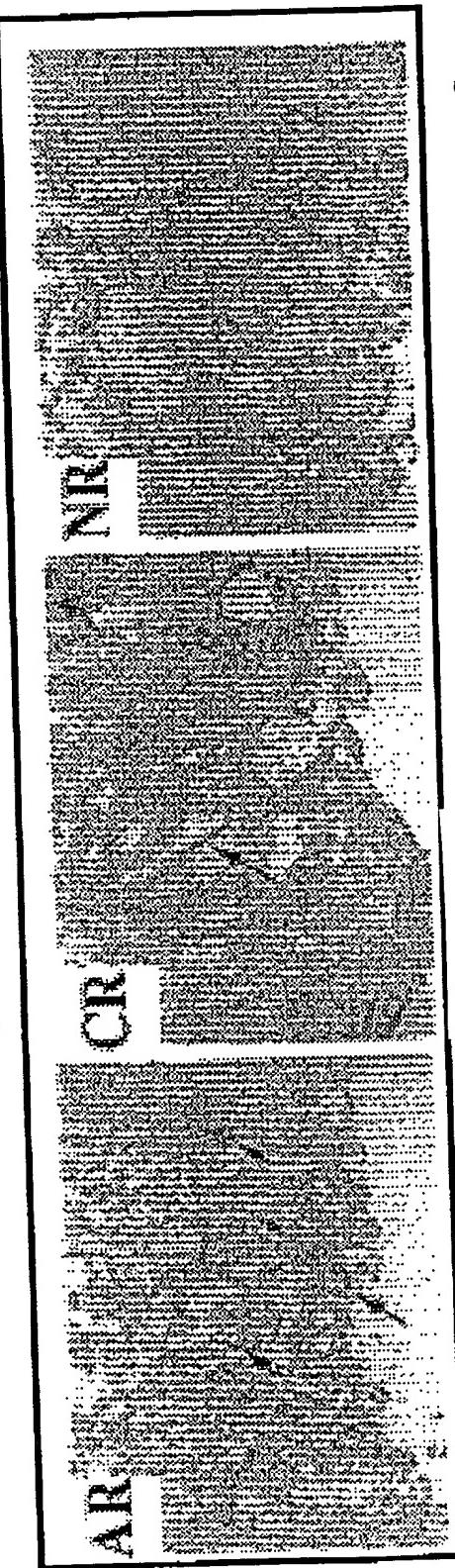


Figure 10A

Figure 10B

Figure 10C

NR

CR

acute rejection chronic rejection nonrejection

A20

endothelial +
infiltrating +

- + - +

HO-1 protein is localized in endothelial & infiltrating cells of rejected graft

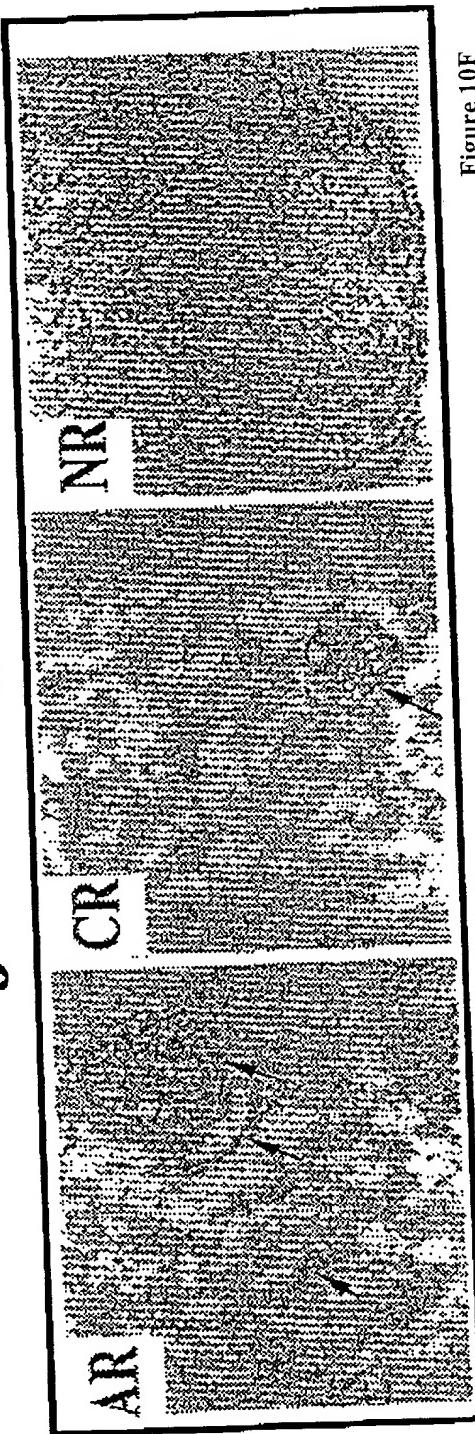


Figure 10D

Figure 10E

Figure 10F

<u>HO-1</u>	acute rejection	chronic rejection	NR	nonrejection
endothelial	+	-	-	-
tubular	+	-	-	-
infiltrating	+	-	-	-

Bcl-X_L protein is localized in endothelial cells

Figures 10 G - I

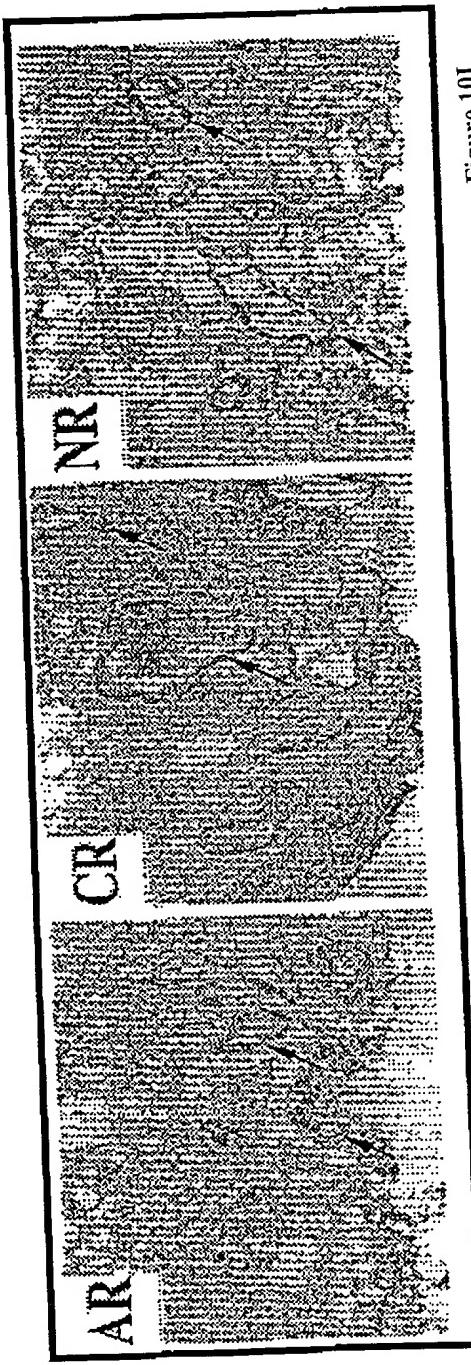


Figure 10G

Figure 10H

Figure 10I

Bcl-X_L + acute rejection + chronic rejection + nonrejection +